

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

**Title of  
Invention**

Stamping System for Manufacturing High Tolerance Parts

Application Number : 10/620851  
Confirmation Number: 2543  
First Named Applicant: Michael Barnoski  
Attorney Docket Number:  
Art Unit:  
Examiner:  
Search string: ( 5319728 ).pn



### US Patent Documents

**Note:** Applicant is not required to submit a paper copy of cited US Patent Documents

init.	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>10/620851</i>	1	5319728	1994-06-07	Lu et al.			

### Signature

Examiner Name	Date
<i>[Signature]</i>	<i>4/29/07</i>

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

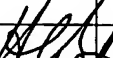
Application Number	10/620,851
Filing Date	July 15, 2003
First Named Inventor	Barnoski, et al.
Art Unit	2874
Examiner Name	Not Yet Assigned
Attorney Docket Number	1125/204

Sheet 1 of 2

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> *-Number <sup>4</sup> *-Kind Code <sup>5</sup> (if known)				
	1.	EP-0287986	10-26-1988	Ushio Kogyo Co.		
	2.	WO-9815381	04-16-1998	Tyco Submarine		

**Examiner  
Signature**

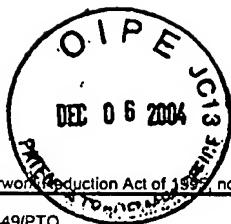
Date  
Considered

4/29/15

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Application Number	10/620,851
Filing Date	July 15, 2003
First Named Inventor	Barnoski, et al.
Art Unit	2874
Examiner Name	Not Yet Assigned
Attorney Docket Number	1125/204

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>HEL</i>	1.	International Search Report of Counterpart PCT Application No. PCT/US03/25939	

Examiner  
SignatureDate  
Considered\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not  
considered. Include copy of this form with next communication to applicant.






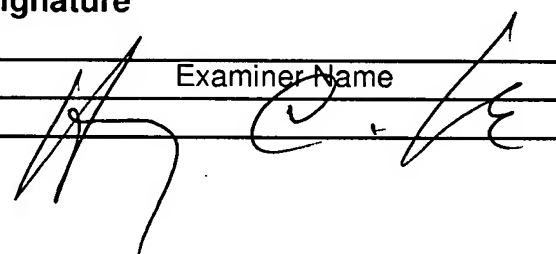




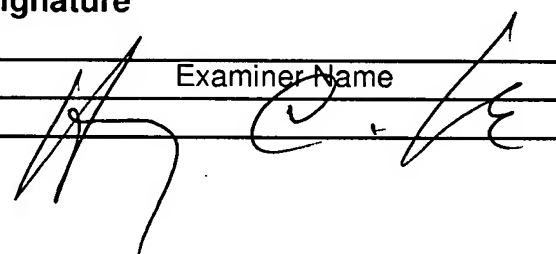




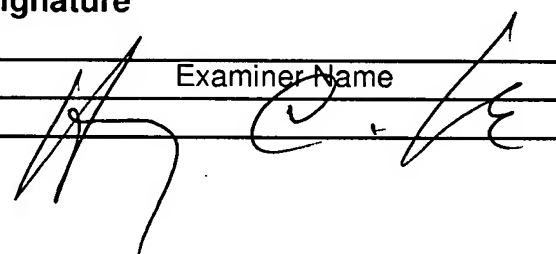
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO  
to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including  
gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the  
amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and  
Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Stamping System for Manufacturing High Tolerance Parts																																																		
<p>Application Number : 10/620851 </p> <p>Confirmation Number: 2543</p> <p>First Named Applicant: Michael Barnoski</p> <p>Attorney Docket Number:</p> <p>Art Unit: 2874</p> <p>Examiner:</p> <p>Search string: ( 6122952 or 3709083 or 4030336 or 4926677 ).pn</p> <p><b>US Patent Documents</b></p> <p><b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b></p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6122952</td><td>2000-09-26</td><td>Rupp, et al</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>3709083</td><td>1973-01-09</td><td>Doherty</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4030336</td><td>1977-06-21</td><td>Grigorenko Anatoly Sergeevich, et al</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>4926677</td><td>1990-05-22</td><td>Waldner</td><td></td><td></td><td></td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td>4/29/07</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6122952	2000-09-26	Rupp, et al					2	3709083	1973-01-09	Doherty					3	4030336	1977-06-21	Grigorenko Anatoly Sergeevich, et al					4	4926677	1990-05-22	Waldner				Examiner Name	Date		4/29/07
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																												
	1	6122952	2000-09-26	Rupp, et al																																															
	2	3709083	1973-01-09	Doherty																																															
	3	4030336	1977-06-21	Grigorenko Anatoly Sergeevich, et al																																															
	4	4926677	1990-05-22	Waldner																																															
Examiner Name	Date																																																		
	4/29/07																																																		

Substitute for form 1042-B

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet 1

1

of

2

**Complete if Known**

Application Number	10/620,851
Filing Date	July 15, 2003
First Named Inventor	Barnoski, et al.
Art Unit	2874
Examiner Name	Not Yet Assigned
Attorney Docket Number	1125/204

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> *Number <sup>4</sup> *Kind Code <sup>3</sup> (if known)				
HAR ↓ HAR	1.	EP-0410181	01-30-1991	Pirelli Cavi		
	2.	EP-0716322	06-12-1996	Asahi Kohden Co		
	3.	EP-0299098	01-18-1989	Inovan Stroebe		
	4.	EP-0201944	11-20-1986	Amp Inc.		
	5.	EP-0423581	04-24-1991	Pirelli Cavi		

**Examiner  
Signature**

Date	
Considered	

47

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/620,851		
		Filing Date	July 15, 2003		
		First Named Inventor	Barnoski, et al.		
		Art Unit	2874		
		Examiner Name	Not Yet Assigned		
Sheet	2	of	2	Attorney Docket Number	1125/204

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>Hel</i>	1.	ROBERTSSON M E, ET AL., "Plastic Optical Connectors Molded Directly onto Optical Fibers and Optical Fiber Ribbons", IEEE, June 1, 1993, pgs. 498-504, New York, NY, USA.	
<i>Hel</i>	2.	International Search Report of Counterpart PCT Application No. PCT/US03/25940	
<i>Hel</i>	3.	Partial International Search Report of Counterpart PCT Application No. PCT/US03/25940	

Examiner Signature	<i>[Signature]</i>	Date Considered	4/29/07
--------------------	--------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Application Number	10/620,851
Filing Date	July 15, 2003
First Named Inventor	Barnoski, et al.
Art Unit	2874
Examiner Name	Not Yet Assigned
Attorney Docket Number	1125/204

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

47

T-6

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

**Complete if Known**

<b>Application Number</b>	10/620,851
<b>Filing Date</b>	July 15, 2003
<b>First Named Inventor</b>	Barnoski, et al.
<b>Art Unit</b>	2874
<b>Examiner Name</b>	Not Yet Assigned
<b>Attorney Docket Number</b>	1125/204

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

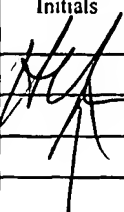
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***




Please type a plus sign (+) inside this box → ☐

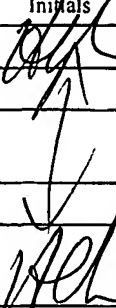
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	July 15, 2003
				First Named Inventor	Barnoski, et al.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	1125/204

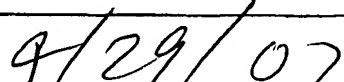
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
	1.	✓ 4,555,968	Raney, et al.	12-03-1985	
	2.	✓ 4,524,582	Lucas, et al.	06-25-1985	
	3.	✓ US2003/0070518	Kurita, et al.	04-17-2003	
	4.	✓ 6,311,597	Schroth, et al.	11-06-2001	
	5.	✓ US2003/0068142	Brezina, et al.	04-10-2003	
	6.	✓ 4,292,862	Thompson	10-06-1981	
	7.	✓ 4,458,985	Balliet, et al.	07-10-1984	
	8.	✓ 6,416,334	Plishner	07-09-2002	
	9.	✓ 5,113,736	Meyerle	05-19-1992	
	10.	✓ 5,568,766	Otremba, et al.	10-29-1996	
	11.	✓ 6,389,940	Long, et al.	05-21-2002	
	12.	✓ 6,505,535	Kurita, et al.	01-14-2003	
	13.	✓ 3,861,192	Suzuki, et al.	01-21-1975	
	14.	✓ 2,336,982	Cremer	12-14-1943	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number Kind Code			

 C. K. 4/29/07

Please type a plus sign (+) inside this box → ☐

OTHER PRIOR ART		
Examiner Initials	Ref. No.	Title
	1.	"Uni-Guide ® Die System FAQ's" by Humdinger, Inc., pp. 1 – 5.
	2.	"Uni-Guide Die System, Patent Pending", Technical Discussion by Humdinger, Inc., pp. 1 – 6.
	3.	"Tech Trends, Round Die Set Works with Worn Presses", <a href="http://www.sme.org/forming&amp;fabricating">www.sme.org/forming&amp;fabricating</a> - /4/2000, p. 18.
	4.	"A New Design for Die Sets", <a href="http://www.metalforming.com">www.metalforming.com</a> , August 2000, p. 66.
	5.	"The Uni-Guide Die System", <a href="http://www.uni-guide.com">www.uni-guide.com</a> , Uni-Guide Products Brochure, pp. 1 – 4.

Examiner Signature			Date Considered	
-----------------------	---	---	-----------------	---